

## Jupiter's banded pattern changes in the 0.89 $\mu$ m band

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### Abstract

Jupiter's atmosphere is generally organized in dark belts and bright zones the presence and intensities of which are changeable. Long-term variations in this banded pattern are not systematically measured especially in the 0.89  $\mu$ m methane absorption band.

In this work we present a method of measurements from a single average image, made from the best observations (0.89 $\mu$ m band) in the days around every recent opposition. The latitude and longitude measures of the edges of belts & zones made from these images of Jupiter's will be displayed. A comparison of annual images of the latest apparitions will reveal changes in the banded pattern during JUNO and prior to JUNO years.